

Line of Work: Repairs and Maintenance of Footpath in Someshwara Ward no-03 of Yelahanka Satellite Town Sub Division

TOWNSHIP DIVISION							Estimate Cost		30.00Lakhs
Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount	
Removing and resetting Cobble Stone (Approved Rate)									
Approved Rate	572.75								
Area Weightage 10%	57.28								
Total Rate	630.03								
Sommeshwara Ward									
Cross Rd-1	1	430.00	1.20		516.00				
Cross Rd-2	1	350.00	1.50		525.00				
Cross Rd-3	1	227.00	1.20		272.40				
					1313.40				
Conside 40%					525.36				
Deduct/Missing Slab 30%					157.61				
					367.75	Sqm	630.03	231692.95	
Removing and resetting of Kerb Stone (Approved Rate)									
Approved Rate	118.00								
Area Weightage 10%	11.80								
Total Rate	129.80								
Sommeshwara Ward									
Cross Rd-1	1	430.00			430.00				
Cross Rd-2	1	350.00			350.00				
Cross Rd-3	1	227.00			227.00				
					1007.00				
Conside 40%					402.80				
Deduct/Missing Slab 30%					120.84				
					281.96	Sqm	129.80	36,598.41	
2 Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22) Issue Rate On 07-07-202									
Basic Rate	5554.00								
Area Weightage 10%	555.40								
Total Rate	6109.40								
Sommeshwara Ward									
Qty From Item No-1	1	525.36		0.15	78.80				
Qty From Item No-2	1	402.80	0.20	0.10	8.06				
					86.86	Cum	6109.40	530662.48	
3 Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 30Mpa per IRC SP 63:2018 & 1558 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications.(V-II No-9.31,P.No-64 of PWD SR 2021-22)									

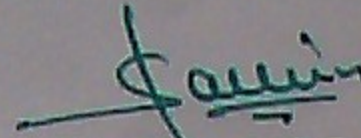
Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Basic Rate	1087.00							
Area Weightage 10%	108.70							
Total Rate	1195.70							
Sommeshwara Ward								
Qty From Item No-1	1	157.61			157.608			
					157.61	Sqm	1195.70	188451.89
Supplying and fixing M15 grade precast cement concrete Kerb stones for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finished in line as per direction of Engineer in charge. (The cost of PCC shall be paid extra) 600 x 300 x 150 mm Kerb Stone (V-III No-6.3, P No-146 of PWD BCSR 2021-22)								
Data Rate	507.00							
Sommeshwara Ward								
Qty From Item No-2	1	120.84			120.84			
					120.84	m		
					269.00	Nos	507.00	136383.00
Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, I.No.8.10 of PW, PWD SR 2021-22)								
Basic Rate	85.00							
Area Weightage 10%	8.50							
Total Rate	93.50							
Sommeshwara Ward								
Cross Rd-1	1	430.00		0.35	150.50			
Cross Rd-2	1	350.00		0.35	122.50			
Cross Rd-3	1	227.00		0.35	79.45			
					352.45	Sqm	93.50	32,954.08
5 Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M25 with OPC cement, @340kgs/cum with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work. (Exclusive of GST and Area Loading Charges)								
Basic Data Rate	2072.00							
Missing or Damaged Slabs								
	210	0.60	0.90		113.40			
	200	0.60	1.20		144.00			
					257.40	Sqm	2072.00	533332.80
6 Providing and fixing precast reinforced cement concrete covering slabs of 23Cm thick made of M25 with OPC cement, @340kgs/cum with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine, mixed, including providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work. (Exclusive of GST and Area Loading Charges)								
Basic Data Rate	5037.00							
Missing or Damaged Slabs								
	110	0.60	1.20		79.20			
	100	0.60	1.50		90.00			
					169.20	Sqm	5037.00	852260.40

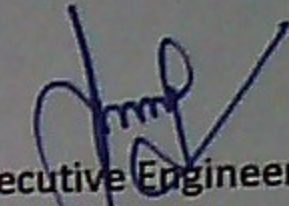
Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Total Construction Cost								2542336.01
18% GST for Construction Cost								457620.48
Sub Total								2999956.49
Utility Shifting, Miscellaneous and Rounding off								43.51
GRAND TOTAL								3000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR, Bangalore circle for year 2021-2022, issue rates dated 07-07-2022 and Data Rates

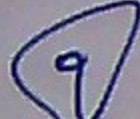

Assistant Engineer
Ward No-03
BBMP Bangalore

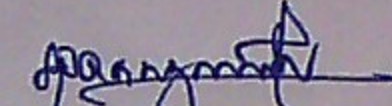

Asst. Executive Engineer,
Yelahanka Satellite TownSub Division
BBMP Bangalore


Executive Engineer,
Yelahanka Division
BBMP Bangalore

Administrative Approval

Accorded For 30.00 Lakhs.
Head of A/C R-3796
CER NO : SS Dt: 22/8/2022


TA


CE (YK)

Technical Sanction
Accorded For 30.00 Lakhs
Head of A/C R-3796
CER NO : 76 Dt: 22/8/22

